



NUP 3984 ECMA

Cylindrical roller bearings, single row

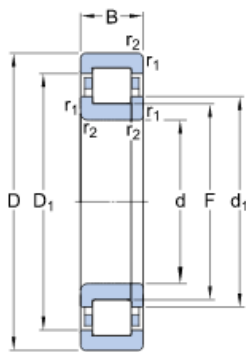
Bearing data

Tolerances,
Normal (metric), P6, Normal (inch),
Radial internal clearance,
cylindrical bore, tapered bore,
Axial internal clearance,
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard
conditions,
Tolerances and resultant fit

Technical specification

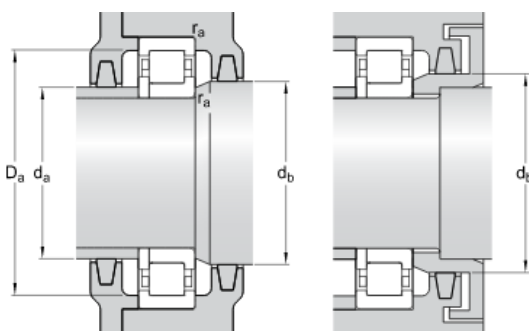


DIMENSIONS

d	420 mm
D	560 mm
B	106 mm
d ₁	≈ 468 mm
D ₁	≈ 518 mm
F	455 mm
r _{1,2}	min. 4 mm

ABUTMENT DIMENSIONS

d _a	min. 436 mm
d _b	min. 472 mm
D _a	max. 544 mm
r _a	max. 3 mm
r _b	max. 3 mm



CALCULATION DATA

Basic dynamic load rating	C	1680 kN
Basic static load rating	C ₀	3650 kN
Fatigue load limit	P _u	310 kN
Reference speed		950 r/min
Limiting speed		1500 r/min
Calculation factor	k _r	0.15
Limiting value	e	0.3
Axial load factor	Y	0.4

MASS

Mass bearing		79.7 kg
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More information

Product details	Product details	Engineering information	Engineering information	Tools	Tools
Designs and variants	Designs and variants	Principles of rolling bearing selection	Principles of rolling bearing selection	SimPro Quick	SimPro Quick
Bearing data	Bearing data	General bearing knowledge	General bearing knowledge	Bearing Select	Bearing Select
Loads	Loads			Engineering Calculator	Engineering Calculator
Temperature limits	Temperature limits	Bearing selection process	Bearing selection process	LubeSelect for SKF greases	LubeSelect for SKF greases
Permissible speed	Permissible speed	Bearing failure and how to prevent it	Bearing failure and how to prevent it	Heater selection tool	Heater selection tool
Design considerations	Design considerations			Oil Injection Method Program	Oil Injection Method Program
Designation system	Designation system			Rolling bearings mounting and dismounting instructions	Rolling bearings mounting and dismounting instructions

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